



# UTILITY PATENT APPLICATION TRANSMITTAL

(only for new non-provisional applications under 37 CFR §1.53(b))

Mail Stop Patent Application  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith for filing is the patent application  
under 37 CFR 1.53(b) of:

AVENTIS DOCKET NO.: USAV2003/0073 US NP  
INVENTORS: PARKAR, et al.  
TITLE: NUCLEIC ACID ENCODING A NOVEL  
PROSTAGLANDIN RECEPTOR PROTEIN AND  
METHODS OF USE THEREOF

I hereby certify that this correspondence is being  
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Patent Application, Commissioner for Patents, P.O.  
Box 1450, Alexandria, VA 22313-1450, on

30 December 2003

Date of Deposit

  
Signature

EL 964841590 US

Express Mail No.

## APPLICATION ELEMENTS

1.  \*Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Specification Total Pages 92
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) Total Sheets 7
4. Oath or Declaration
  - a.  Newly unexecuted (original or copy)
  - b.  Copy from a prior application (37 CFR § 1.63(d))
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
5. Power of Attorney Total Pages 
  - a.  Newly unexecuted (original or copy)
  - b.  Copy from a prior application (37 CFR § 1.63(d))
6.  Microfiche Computer Program (*Appendix*)

7. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
- Computer Readable Copy
  - Paper Copy (identical to computer copy)
  - Statement verifying identity of above copies

If a CONTINUING Application, check appropriate box, and supply the requisite information:

Continuation     Divisional     Continuation-in-part

of prior application no: \_\_\_\_\_, filed \_\_\_\_\_

Examiner \_\_\_\_\_, Group/Art Unit \_\_\_\_\_.

(The cross reference has been/will be inserted on page one of the specification).

This application claims the benefit of U.S. Provisional Application No. \_\_\_\_\_, filed \_\_\_\_\_. (The cross reference has been/will be inserted on page one of the specification).

**Incorporation By Reference** (useable if filing a continuation/divisional and a copy of the declaration from the prior application is enclosed.)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

#### ACCOMPANYING APPLICATION PARTS

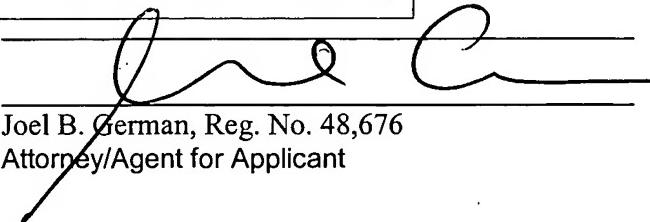
7.  Assignment Papers (*cover sheet & document(s)*)
8.  37 CFR §3.73(b) Statement  
*(when there is an assignee)*
9.  Verified English Translation Document (*if applicable*)
10.  Information Disclosure Statement (IDS)/PTO-1449       Copies of IDS Citations
11.  Preliminary Amendment
12.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
13.  \*Small Entity Statement(s)       Statement filed in prior application,  
*(PTO/SB/09-12)* Status still proper and desired
14.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
15.  Other: Application Data Sheet

#### CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

005487

*(Insert Customer No. or Attach bar code label here)*

  
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Attorney/Agent for Applicant

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Aventis Docket No. USAV2003/0073 US NP

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

16563  
123003  
U.S. PTO

# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

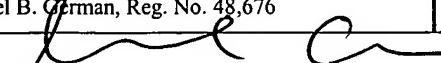
 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,926.00)

## Complete if Known

Application Number	Not Yet Assigned
Filing Date	December 30, 2003
First Named Inventor	PARKAR, et al.
Examiner Name	Not Yet Known
Group / Art Unit	Not Yet Known
Attorney Docket No.	USA2003/0073 US NP

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																																																																																																																	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 18-1982 Deposit Account Name: Aventis Pharmaceuticals Inc.				<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English Specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>205</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>465</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,480</td> <td>2254</td> <td>725</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2,010</td> <td>2255</td> <td>985</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - 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late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English Specification		1812	2,520	1812	2,520	For filing a request for reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	205	Extension for reply within second month		1253	950	2253	465	Extension for reply within third month		1254	1,480	2254	725	Extension for reply within fourth month		1255	2,010	2255	985	Extension for reply within fifth month		1401	330	2401	160	Notice of Appeal		1402	330	2402	160	Filing a brief in support of an appeal		1403	290	2403	140	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	650	Petition to revive - unintentional		1501	1,330	2501	650	Utility issue fee (or reissue)		1502	480	2502	235	Design issue fee		1503	640	2503	315	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Petitions related to provisional applications		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	770	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))		1801	770	2801	375	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify) _____						*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)	
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SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Joel B. German, Reg. No. 48,676		Registration No. (Attorney/Agent)	48,676
Signature			Telephone	(908) 231-3444
			Date	12/30/2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Aventis Pharmaceuticals Inc. template